

IN THE CLAIMS:

Please amend claims 3-17 and 20-25 as follows.

1. (Original) A system for providing data communication between modules connected through a port connector, wherein said modules are adapted to communicate a data package comprising in a layered structure a physical layer comprising a first and a second segment for encapsulating other layers in said data package, a data link layer comprising a first header field for data payload type and a second header field for a data link layer version, and a network/transport layer comprising a third header field for a transmitting module's address, a fourth header field for a length of said data package, and comprising data payload.

2. (Original) A system according to claim 1, wherein said modules comprise a mobile communication device such as a cell, mobile or satellite telephone, a personal digital assistant, or a peripheral thereto.

3. (Currently Amended) A system according to ~~claims 1 or 2~~ claim 1, wherein said data link layer version comprises a major version, which is binary incompatible, and a minor version, which is binary compatible.

4. (Currently Amended) A system according to ~~claims 1 to 3~~ claim 1, wherein said data package further comprises in said network/transport layer a fifth header field for an offset value for determination of data payload start in said data package.

5. (Currently Amended) A system according to ~~claims 1 to 4~~ claim 1, wherein said data package further comprises in said network/transport layer a sixth header field prior to said data payload start in said data package for buffering.

6. (Currently Amended) A system according to ~~claims 1 to 5~~ claim 1, wherein said data package further comprises a checksum field following the data payload.

7. (Currently Amended) A system according to ~~claims 1 to 6~~ claim 1, wherein said data package further comprises in said network/transport layer a seventh header field for a data package number.

8. (Currently Amended) A system according to ~~claims 1 to 7~~ claim 1, wherein said data package further comprises in said network/transport layer an eighth header field for a data package fragment sequence number.

9. (Currently Amended) A system according to ~~claims 1 to 8~~ claim 1, wherein said first segment of said physical layer comprises a media field for defining media across which the data package is transferred.

10. (Currently Amended) A system according to ~~claims 1 to 9~~ claim 1, wherein said first segment further comprises a synchronization field for synchronizing the receiving module with the transmitting module.

11. (Currently Amended) A system according to ~~claims 1 to 10~~ claim 1, wherein said second segment of the physical layer comprises an index byte for providing the receiving module with information regarding segmentation or partitioning of data contained in a message.

12. (Currently Amended) A system according to ~~claims 1 to 11~~ claim 1, wherein said second segment further comprises a sequence and acknowledge field for providing a receiving module with information whether said data package is an acknowledgement message or an ordinary message.

13. (Currently Amended) A system according to ~~claims 1 to 11~~ claim 1, wherein said second segment further comprises a sequence and acknowledge field is adapted to inform whether an error was identified in the received data package, when said data package is an acknowledgement message.

14. (Currently Amended) A system according to ~~claims 12 or 13~~ claim 12, wherein said sequence and acknowledgement field is further adapted to inform a receiving module that a sequence number in said receiving module should be reset.

15. (Currently Amended) A system according to ~~claims 12 to 14~~ claim 12, wherein said sequence and acknowledgement field is adapted to recognise acknowledgement messages and detect missing data packages.

16. (Currently Amended) A system according to ~~claims 1 to 15~~ claim 1, wherein said second segment further comprises a fill field for ensuring that all data packages sent over said port connector contain an even amount of bytes.

17. (Currently Amended) A system according to ~~claims 1 to 16~~ claim 1, wherein said second segment further comprises a parity field for storing parity calculated on the basis of the data package excluding the parity field.

18. (Original) A data package for communicating between modules connected through a port connection, wherein said data package comprising in a layered structure physical layer data comprising a first and a second segment for encapsulating other layers in said data package, data link layer data in a first header field comprising data payload type and in a second header field comprising a data link layer version, and network/transport layer data in a third header field comprising a transmitting module's address, in a fourth header field comprising a length of said data package, and comprising data payload.

19. (Original) A data package according to claim 18 further comprising in said network/transport layer a fifth header field for an offset value for determination of data payload start in said data package.

20. (Currently Amended) A data package according to ~~claims 18 or 19~~ claim 18 further comprising in said network/transport layer a sixth header field prior to said data payload start in said data package for buffering.

21. (Currently Amended) A data package according to ~~claims 18 to 20~~ claim 18 further comprising a checksum field following the data payload.

22. (Currently Amended) A data package according to ~~claims 18 to 21~~ claim 18 further comprising in said network/transport layer a seventh header field for a data package number.

23. (Currently Amended) A data package according to ~~claims 18 to 22~~ claim 18 further comprising in said network/transport layer an eighth header field for a data package fragment sequence number.

24. (Currently Amended) A receiver unit adapted to receive a data package according to ~~any of claims 18 to 23~~ claim 18.

25. (Currently Amended) A transmitter unit adapted to transmit a data package according to ~~any of claims 18 to 23~~ claim 18.

26. (Original) A method for establishing data communication between modules connected through a port connection, wherein said modules each communicate a data package comprising in a layered structure a physical layer comprising a first and a second segment for encapsulating other layers in said data package, and wherein said method comprising: providing in said data package in a data link layer a first header field for data payload type and a second header field for a data link layer version, providing in said data package in a network/transport layer a third header field for a transmitting module's address and a fourth header field for a length of said data package, and providing in said data package a data payload.

27. (Original) A computer program comprising code adapted to perform the following steps when said program is run in a data processor adapted to establish data communication between modules connected through a port connection, wherein said plurality of modules each communicate a data package comprising in a layered structure having a physical layer comprising a first and a second segment for encapsulating other layers in said data package, and wherein said program providing in said data package in a data link layer a first header field for data payload type and a second header field for a data link layer version, providing in said data package in a network/transport layer a third header field for a transmitting module's address and a fourth header field for a length of said data package, and providing in said data package a data payload.